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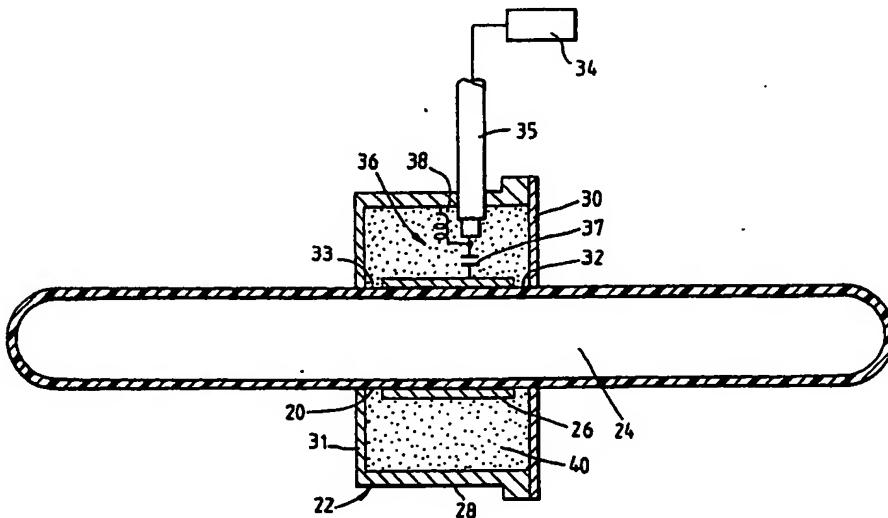
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㉒ A discharge tube arrangement.

㉓ A method of generating visible light from a discharge tube (20) having walls made of a light-transmissive dielectric material. The discharge tube containing a fill (24) comprising at least one compound selected from a group consisting of metal halides

and metal oxyhalides. The method comprises the step of applying a radio frequency electric field over a part of a wall of the discharge tube at a power sufficient to excite a surface wave in the fill, whereby the fill is excited to generate visible light.



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EUROPEAN SEARCH
REPORT

Application Number

EP 90 30 7289

DOCUMENTS CONSIDERED TO BE RELEVANT		Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)		
Category	Citation of document with indication, where appropriate, of relevant passages				
Y,D	EP-A-0 225 753 (THE REGENTS OF THE UNIVERSITY OF CALIFORNIA) * abstract ** page 3, lines 10 - 17 ** page 4, lines 1 - 29 * -----	1-7	H 01 J 65/04 H 01 J 61/12		
Y	US-A-4 591 759 (CHALEK ET AL.) * abstract ** column 1, lines 1 - 40 ** column 2, lines 16 - 27 -----	1-7			
A	US-A-3 720 855 (GARDNER ET AL.) * abstract * -----	8			
A	US-A-4 480 213 (LAPATOVICH ET AL.) * abstract * -----	1,2,4,5			
E	EP-A-0 416 839 (THORN EMI PLC) * abstract; claim 4; figure 1 * -----	1-3			
P,A	EP-A-0 357 452 (THORN EMI PLC) * abstract; figures 2, 4 * -----	1-3			
		TECHNICAL FIELDS SEARCHED (Int. Cl.5)			
		H 01 J			
The present search report has been drawn up for all claims					
Place of search	Date of completion of search	Examiner			
The Hague	28 May 91	MARTIN Y VICENTE M.A			
CATEGORY OF CITED DOCUMENTS					
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